ABSTRACT

A fore grip or gun handle with a concealable and collapsible bipod is disclosed. The present invention comprises a mounting assembly that may be self-contained or may feature adaptable mounting heads to interface with Weaver or Picatinny Rail mounts or a simple bolt attachment to a firearm. A fore grip is coupled to the mounting assembly, or may be integrated with the mounting assembly, and the fore grip is to be gripped by the hand of a user when the mounting assembly is attached or coupled to a firearm. The fore grip is used for stabilizing the firearm during firing when the user grips the fore grip. A tubular recess consisting of two cylindrical cutouts is positioned within the fore grip or gun handle, and these cutouts serve as the housing for the bipod legs when concealed and as the housing for a sliding piston assembly that deploys the bipod legs. A plurality of legs is concealed within the fore grip or gun handle and is coupled to a sliding piston assembly that is also concealed within the handle. A catch system that protrudes from the sliding piston assembly is attached to the sliding piston assembly and interfaces with a spring-loaded fulcrum release mechanism positioned at the top of the handle. A cutout within the top of the handle provides a housing for the release mechanism. A compression spring is positioned between the sliding piston assembly and the bottom of the first cylindrical cutout and this spring, when under expansion, drives the sliding piston assembly downward toward the bottom of the fore grip. At the bottom of the fore grip, a recessed locking ring or plug is secured by threads into the fore grip, and is positioned to prevent the sliding piston assembly from over-travel and thus exiting the fore grip. The legs are connected to the bottom of the piston via a hinge or pivot point, and when the legs are released from confinement within the fore grip, the legs expand outwards until fully deployed.